

REMARKS

Claims 1-49 are pending in this application. Claims 25-48 are withdrawn from consideration as being drawn to a non-elected group. Claims 9 and 25-48 have been previously canceled. Claims 1-8 and 10-24 are allowed. Claim 49 is rejected.

Responsive to the objection to the claim for priority, Applicants have been forwarded a corrected declaration claiming priority to both DE 101 25 379.6, filed May 23, 2001, and DE 101 25 378.8, filed May 23, 2001. This same declaration will be appropriately filed with the USPTO when received signed from the Applicants.

Responsive to the rejection of claim 49 under 35 U.S.C. § 103(a) as being obvious by U.S. Patent No. 6,409,857 (Pallas et al.) in view of U.S. Patent No. 5,803,969 (Knop), Applicants respectfully traverse this rejection and submit that claim 49 is now in condition for allowance.

Pallas et al. '857 disclose a device for the manufacture of a composite sheet (Fig. 2) which includes fluted roller 13 against gluing roller 45 immersed with its outer surface 47 in a glue bath (column 9, lines 66-67). A hydraulically actuated piston-cylinder unit 53 is provided in order to move gluing unit 27, which includes roller 45, closer to fluted roller 13, unit 53 engaging with slide 29 which is solidly bolted to machine frame 31 of the machine to which the fluted rollers 11, 13 are also bolted (column 10, lines 60-65). The other side of piston-cylinder unit 53, engages with wagon 51 of gluing unit 27 (column 10, lines 65-65). Gluing unit 27 can be rolled on wheels 43 which are attached to wagon 51 (column 9, lines 57-58 and column 10, lines 13-14). From a hydraulic pressure source 65, hydraulic pressure is applied to working chamber 59 of piston-cylinder unit 53 via hydraulic line 63 which contains a pressure adjustment valve 67 (column 11, lines 8-11). This pressure adjustment valve 67 is controlled to produce a constant pressure so that any fluctuations in pressure on the part of hydraulic pressure source 65 are not transferred to working chamber 59 of piston-cylinder unit 53 (column 11, lines 11-15). Control line 71 attached

to a control unit 69 is connected to pressure regulation valve 67 (column 11, lines 19-20). In order to measure the compressive force between gluing roller 45 and fluted roller 13 a force gauge 75 is provided, that is positioned in the force transmission path of the force produced by piston-cylinder unit 53 (column 11, lines 38-41).

Knop '969 discloses there are known devices for the two-sided application of glue, starch, carboxymethylcellulose, synthetic glue or pigment dispersions onto paper or cardboard webs, which have two axially parallel pressure rollers next to each other rotatably supported in a frame, and between which a nip is formed through which the paper or cardboard web is guided (column 1, lines 17-22). The coating material applied in a metered manner to the peripheral surfaces of pressure rollers 2, 3 (Fig. 2) is transferred to web 8 in nip 7 (column 3, lines 6-8). After running through the nip 7, the web 8 coated on both sides is guided to a drier (not shown in the drawing) by way of a contactless guide element 12 (column 3, lines 6-8).

Pallas et al. '857 disclose a device which includes a gluing unit having a gluing roller mounted on a wagon that can be rolled on wheels. Knop '969 discloses two axially parallel pressure rollers next to each other rotatably supported in a frame, and between which a nip is formed through which the paper or cardboard web is guided where a coating material applied in a metered manner to the peripheral surfaces of the pressure rollers is transferred to the web.

**However, if the proposed modification or combination of the prior art would change the principle of operation of the prior art invention being modified, then the teachings of the references are not sufficient to render the claims *prima facie* obvious (MPEP 2143.01).** To modify the teaching of Pallas et al. '857 with the teaching of Knop '969 would change the principle of operation of Pallas et al. '857 since Pallas et al. '857 disclose a single roll mounted on a rollable wagon whereas Knop '969 discloses two rolls supported in a frame. Therefore, the Examiner has not established a *prima facie* of obviousness and the present invention is not

obvious by the combination Pallas et al. '857 and Knop '969. Further, there is no suggestion or motivation to modify the references, which is required to establish a *prima facie* case of obviousness (MPEP 2142).

An advantage of the present invention is a more reliable and cost effective design.

For all of the foregoing reasons, Applicants submit that claim 49 is now in condition for allowance, which is hereby respectfully requested.

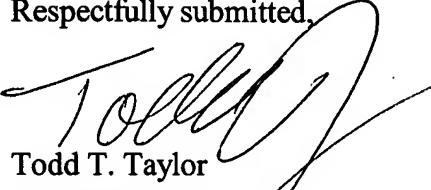
At page 3 of the Office Action the Examiner has indicated that claims 1-8 and 10-24 are allowable, for which courtesy the Examiner is thanked. For all of the foregoing reasons, Applicants submit that claims 1-8 and 10-24 are now in condition for allowance, which is hereby respectfully requested.

For the foregoing reasons, Applicants submit that no combination of the cited references teaches, discloses or suggests the subject matter of the amended claims. The pending claims are therefore in condition for allowance, and Applicants respectfully request withdrawal of all rejections and allowance of the claims.

In the event Applicants have overlooked the need for an extension of time, an additional extension of time, payment of fee, or additional payment of fee, Applicants hereby conditionally petition therefor and authorizes that any charges be made to Deposit Account No. 20-0095, TAYLOR & AUST, P.C.

Should any question concerning any of the foregoing arise, the Examiner is invited to telephone the undersigned at (260) 897-3400.

Respectfully submitted,

  
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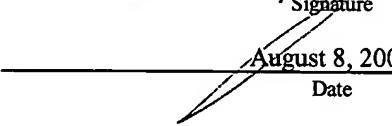
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I hereby certify that this correspondence is being transmitted via facsimile to the U.S. Patent and Trademark Office, on: August 8, 2005.

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Date

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